



MAY 11 2005

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail Stop ISSUE FEE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (703) 746-4000

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7990 02/11/2005

Wendy W Koba Esq.  
P O Box 556  
Springtown, PA 18081  
05/12/2005 HDEMESS2 00000015 09588587

01 FC:1501 1400.00 OP  
02 FC:8001 21.00 OP

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**  
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Marjorie Scariati	(Depositor's name)
<i>Marjorie Scariati</i>	(Signature)
5/11/05	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/588,587	06/06/2000	Mac W. Kaufman	D2253 CIP	8160

TITLE OF INVENTION: INGRESS DETECTION AND CHARACTERIZATION BY TIME/FREQUENCY MAP

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	05/11/2005
EXAMINER	ART UNIT		CLASS-SUBCLASS		
SHELEHEDA, JAMES R	2614		725-125000		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Wendy W. Koba, Esq.

2. \_\_\_\_\_

3. \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

General Instrument Corporation Horsham, Pennsylvania

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4. The following fee(s) are enclosed:

4b. Payment of Fee(s):

- Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies 7

A check in the amount of the fee(s) is enclosed.

Payment by credit card. Form PTO-2038 is attached. **any deficiencies**

The Director is hereby authorized to charge the required fee(s) plus any overpayment, to Deposit Account Number 50-102 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Stuart H. Mayer

Date 5/11/05

Typed or printed name Stuart H. Mayer

Registration No. 35,277

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



MAY 11 2005

PATENT & TRADEMARK OFFICE

251 North Avenue West, 2<sup>nd</sup> Floor  
Westfield, New Jersey 07090  
Tel.: (908) 518-7700  
Fax: (908) 518-7795

**Mayer Fortkort & Williams, PC**  
**Attorneys At Law**

# Fax

To: Office of Patent Publication      From: Marjorie Scanati

---

Fax: 703-746-4000      Pages: 3

---

Phone:      Date: 05/11/2005

---

Re: 09/588,587      CC:

---

Urgent     For Review     Please Comment     Please Reply     Please Recycle

### **PRIVACY AND CONFIDENTIALITY NOTICE**

The information contained in this communication is confidential and may be legally privileged. It is intended solely for the use of the individual or entity to whom it is addressed and others authorized to receive it. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or taking of any action in reliance on the contents of this information is strictly prohibited.

If you received this communication in error, please immediately notify us by a collect telephone call to the writer and return the original message and documents to us at the above address via the United States postal service.

PLEASE SEE ATTACHED PART-B ISSUE FEE TRANSMITTAL AND CREDIT CARD FORM PTO-2038



MAY 11 2005

C40